Exams on first term

Exam (1)

1 Complete the following statements:

a The human sketetal system consists of ..... and .....

b The ..... is the measuring unit of mass whereas the ..... is the measuring unit of weight.

c The ..... thermometer is used to measure the water temperature.

2 Put (✔) or (✘) in front of the following statements and correct the false ones:

a In the spinal cord, there are centers responsible for sensory and kinetic responses. ( )

b Mass is the force of earth's gravity to an object. ( )

c Heat transfers from a cold object to a hot object. ( )

3 Mention the function of:

a Cartilages between the vertebrae of the backbone.

b Nerves.

c Mercury in the medical thermometer.

d Plastic in the manufacture of the handles of cooking utensils.

4 Give reason for the following:

a The rib cage surrounds both the heart and the lungs.

b Your weight on the moon is less than your weight on the earth.

5 What happens if:

a All the bones of the human body are without joints?

b When you put your hand suddenly on a hot surface?

c We get rid of soil bacteria?

6 Write the scientific term for the following statements:

a A system responsible for integration and coordination between systems of the human body.

b A device used to measure the mass of objects.

c Materials that let heat flow through.

d An organ responsible for the reflux actions of the body.

Model Answer

Answer Q1

a- axial skeleton – appendicular skeleton

b- kilogram - Newton

c- Celsius

Answer Q2

a- (×) brain

b- (×) weight

c- (×) from hot object to cold object

Answer Q3

a- they prevent friction between vertebrae

b- They deliver the sensory information and kinetic responses between central nervous system and all parts of the body

c-

1. It is a liquid metal that can be seen easily through the thermometer glass.
2. Mercury is a good conductor of heat.
3. Mercury is a regular expanding material which gives an accurate estimation.
4. Mercury doesn't stick to the walls of the capillary tube.
5. Mercury remains liquid between -39°C and 357°C and this gives a wide range to temperature measurement.

d- It doesn't let heat to flow through

Answer Q4

a. To protect them

b. Because the moon has a less mass and gravitational force than the Earth.

Answer Q5

[illegible]ot move our bodies

b. The withdrawal of the hand quickly due to reflex action made by spinal cord

c. Leguminous plants such as peas and clover cannot get nitrogen to make proteins

Answer Q6

a- Nervous system

b- Balance scale

c- Good conductors of heat (heat conductors)

d- Spinal cord

Exam (2)

Question one:

Choose the correct answer:

1. All the following from the components of central nervous system except:
   - a Spinal nerves.
   - b two cerebral hemispheres.
   - c Spinal cord.
   - d medulla oblongata.
2. The weight of the body on earth surface 6 Newton ,so its weight on moon surface equals:
   - a 1 kgm.
   - b 1 Newton.
   - c 6 kgm.
   - d 6 newton.
3. All the following from substances which are good conductors of heat except:
   - a Aluminum and iron.
   - b copper and iron.
   - c Glass and wood.
   - d Aluminum and copper.
4. The gas which is used with acetylene in welding metals is ..... gas.
   - a Oxygen
   - b Nitrogen
   - c hydrogen
   - d carbon dioxide
5. When a glowing magnesium ribbon is placed in a jar containing carbon dioxide, on the walls of the jar, the element formed is:
   - a Magnesium.
   - b Nitrogen.
   - c Carbon.
   - d Oxygen.

Question two:

Explain the following:

a. There is a restriction in the capillary tube above mercury reservoir in clinical thermometer.

b. The mercury gives wide range to measure the temperature.

c. During oxygen preparation in the laboratory, the gas is collected by down displacement of water in the jar.

d. Nitrogen gas is used in the atmosphere of the stores of explosive liquids.

e. It is essential to heat healthy food which is reach in calcium and phosphorus.

Question three:

A - What would happen in the following cases:

a There is no oxygen in the atmospheric air.

b When the shoulder joints becomes from the limited movement joint.

c Drinking big quantities of soft drink.

B - Mention one function for the following:

a Joints.

b The peripheral nervous system.

Question four:

A - Explain ,how to obtain each of the following:

a Nitrogen from atmospheric air.

b Carbon dioxide from calcium carbonate powder.

B - Mention one function for the following :

a Cerebellum.

b Clinical thermometer.

c Nitrogen gas.

Question five :

Correct the following statements:

a Copper from substances which the heat cannot pass through it.

b The joints of the skull are from limited movements joints.

c As the weight of the planet increases the weight of body on it decreases.

d Oxygen gas not burn and not help burning.

e Carbon dioxide is from the component of gunpowder.

f When a glowing magnesium ribbon is placed in a job containing oxygen gas, a black substance is formed.

Model Answer

Answer Q1

1. Spinal nerves
2. 1 newton
3. Glass and wood
4. Oxygen
5. carbon

Answer Q2

a. to prevent mercury from going back fast to mercury bulb
b. because Mercury remains liquid between -39°C and 357°C
c. because oxygen is rarely dissolved in water
d. because it is an inactive gas
e. to avoid bone diseases such as osteomalacia and rickets

Answer Q3

A-

a. suffocation of all living organisms
b. the two upper limbs will move in one direction only and cant move freely
c. this causes osteoporosis and may cause death

B-

a. They allow movement between bones
b. It delivers the sensory information and kinetic responses between central nervous system and all parts of the body

Answer Q4

A-

a- By removing carbon dioxide gas from air by sodium or potassium hydroxide and removing oxygen gas by hot copper
b- By adding dilute hydrochloric acid to calcium carbonate

B-

a- It keeps the balance of the body during movement.

b- It is used to measure the temperature of the human body

c-

i. Nitrogen is recently used in filling car tires

ii. Liquefied nitrogen is used in:

1. Treatment for skin tumours.
2. Cooling and preserving food products to be transferred easily.

iii. Nitrogen is used in making ammonium nitrate and ammonia

iv. It is used to store petrolium , liquified explosives and flammable materials → because nitrogen is an inactive element.

v. Nitrogen is used in small amounts to fill some types of lamps.

vi. It is used in manufacturing of:

1. Gun powder.
2. Electronic devices.
3. Stainless steel.

Answer Q5

a- Plastic

b- Knee and elbow joints

c- The weight of the body increases

d- Oxygen doesn't burn but it helps in burning

e- Nitrogen

f- White substance is formed

Exam (3)

Question one:

Choose the correct answer

1. If the weight of a body is 20 Newton , its mass equals:
   - a 2 Kg.
   - b 20 Kg.
   - c 200 Kg.
   - d 2000 Kg.
2. From the measuring units of weight:
   - a Gram.
   - b litre.
   - c Newton.
   - d Kilogram.
3. The maximum and minimum graduation of the clinical thermometer is between:
   - a 35 : 42 celsius degrees.
   - b 35 : 45 celsius degrees.
   - c 32 : 42 celsius degrees.
   - d 32 : 45 celsius degrees.
4. Carbon dioxide gas is used in:
   - a Steel industry .
   - b Gunpowder.
   - c Ammonia industry.
   - d Bread.
5. Which of the following is from ..... joints ?
   - a thigh.
   - b Shoulder.
   - c wrist.
   - d knee.

Question two:

A - Mention one function for each of the following:

- a Spinal cord.
- b Spring scale.

B - Write the scientific term for the following:

- a A tool used to measure body weight.
- b A gas used in photosynthesis process.
- c Spontaneous response from the body to the different stimuli.
- d The amount of matter that the body contains.
- e The center of main control in human body.
- f A tool used to measure human body temperature.

Question three:

Correct the following statements:

a. The weight is constant amount changes as the location changes.

b. Alcohol is the liquid that used in medical thermometer.

c. Carbon dioxide gas is essential to form rust.

d. A black precipitate is formed when carbon dioxide gas is passed in lime water.

e. Nitrogen gas is used in putting off fires.

Question four:

What would happen in the following cases:

a. All substances, that the man uses are good conductor of heat.

b. A nail wetted by water is exposed several days to humid air.

c. A man is exposing to noise continuously.

Model Answer

Answer Q1

1- 2 Kg
2- newton
3- 35 – 42 Celsius degrees
4- Bread
5- knee

Answer Q2

A-

a- It delivers nerve messages from the body organs to the brain and vice versa and it is responsible for reflex action
b- It is used to measure weight

B-

a. Spring scale
b. Carbon dioxide
c. Reflex action
d. The mass
e. The brain
f. Medical (clinical) thermometer

Answer Q3

a. The mass is a constant amount that doesn't change by changing place
b. Mercury
c. Oxygen gas
d. White precipitate
e. Carbon dioxide gas

Answer Q4

a. We can't hold hot objects
b. The nail will rust
c. The nervous system will be exhausted

Exam (4)

First Question:

Complete the following statements:

a The mass is measured by using ..... and the weight is measured by ..... unit.

b From the examples of substances which are good conductors which are good conductors of heat ..... and .....

c The clinical thermometer is graduated from ..... to ..... .

d Oxygen is produced from ..... process and carbon dioxide produced from ..... process.

e The number of cranial nerves in human body is .....

f The axial skeleton in the man consists of ....., ... and ..... .

Second Question: Choose the correct answer:

1. The thoracic cage in the man consists of ..... Pairs of ribs.
   a 10 b 11.
   c 12. d 13.

2. The part which is responsible for keeping human body balance is:
   a Two cerebral hemispheres. b Cerebellum
   c Medulla oblongata. d Spinal cord

3. The gas used to fill some types of lamps is:
   a Oxygen. b Ozone.
   c Nitrogen d Carbon dioxide

4. Photosynthesis process in the plant depend on the presence of:
   a oxygen. b nitrogen.
   c carbon dioxide. d ozone.

5. The weight of the body is measured by ..... scale.
   a spring b sensitive.
   c double pans. d all the previous.

6. The best metal in conducting heat is:
   a Aluminum . b copper.
   c iron d mercury.

Third Question: Write the Scientific term:

a The amount of matter that the body contains .

b Tools used to measure the temperature .

c A gas used to put off fires .

d A gas molecules consists of three atoms of oxygen .

e A part of nervous system responsible for reflex action .

f The location of bones touch and allow moving .

Fourth Question: Give reasons for the following :

a The yeast is added to dough .

b Damage medulla oblongata lead to death .

c Aluminum is used in manufacturing of cooking pans .

Model Answer

Answer Q1

a. Balance scale - Newton
b. Copper - aluminium
c. 35 – 42 Celsius degrees
d. Photosynthesis – respiration or burning
e. 12 pairs
f. skull, backbone , ribcage

Answer Q2

1- 12
2- Cerebellum
3- Nitrogen
4- Carbon dioxide
5- Spring
6- copper

Answer Q3

a- The mass
b- thermometer
c- carbon dioxide gas
d- ozone gas
e- spinal cord
f- joints

Answer Q4

a- To produce carbon dioxide gas which expands by heating that make the bread porous and tasty
b- Because it is responsible for involuntary processes such as heart beats
c- Because it is good conductors of heat

Exam (5)

First Question:

Complete the following statements :

a From the examples of substances which are bad conductor of heat and .

b The number of vertebrae of vertebral column is .

c The number of cranial nerves is and the number of spinal nerves is .

d The holder of cooking pans is made of .

e The mass is measured by scale and the weight is measured by scale.

f Oxygen is prepared from in presence of .

Second Question: Choose the correct answer:

1. The gas which turn lime water turbid is gas.
   a Oxygen. b Nitrogen.
   c Carbon dioxide. d Ozone.
2. Nitrogen is used in manufacture of:
   a Fire extinguisher. b Fertilizers.
   c Soft drink. d dry ice.
3. Your weight on earth surface is 600 Newton so your weight on moon surface is Newton:
   a 6 b 60.
   c 100 d 10
4. The centers of thinking and memory lie in:
   a Medulla oblongata. b spinal cord.
   c cerebellum. d two cerebral hemispheres .
5. From the example of freely moveable joints .....
   a Knee b thigh.
   c elbow d all the previous
6. Hydrogen peroxide is used in preparation of:
   a Hydrogen. b Oxygen.
   c Nitrogen d Carbon dioxide

Third Question: Write the Scientific term:

a The attraction force of the earth to the body.

b A flame used in cutting and welding metals.

c A gas used in ammonia industry.

d The center of the main control in human body.

e Ligaments ties muscles with bone.

f Areas between vertebrae of vertebral column separate and protect from friction between them.

Fourth Question: Compare between each of the following:

a Mass and weight.

b Clinical thermometer and Celsius thermometer.

c Central nervous system and appendicular nervous system.

Model Answer

Answer Q1

a- plastic - glass
b- 33 vertebrae
c- 12 pairs – 31 pairs
d- Plastic or wood
e- Balance - spring
f- hydrogen peroxide – manganese dioxide

Answer Q2

1- Carbon dioxide
2- fertilizers
3- 100
4- Two cerebral hemispheres
5- thigh
6- oxygen

Answer Q3

a- The weight
b- Oxyacetylene flame
c- Nitrogen gas
d- The brain
e- tendons
f- cartilages

Answer Q4

a-

Point of comparison	Mass	
Definition	The amount of matter in an object	The force by which a body is attracted to Earth
Unit of measurement	Gram or Kilogram	Newton
Device of measurement	A balance scale	A spring scale
Direction	Has no direction	It is towards the center of the Earth
Effect of different places	Constant(doesn't change with the change in place)	Changes from place to another

b-

Points of comparison	Celsius thermometer	Medical thermometer
Composition	Transparent thick glass tube Capillary tube closed from one of its ends Mercury bulb that is filled with mercury and connected to the other end of the capillary tube	
Constriction	Absent	Present
Range of scale	From 0°C to 100°C	From 35°C to 42°C
The used liquid	Mercury	Mercury
Usage	It is used to measure the temperature of liquids	It is used to measure the temperature of the human body

Points of comparison	Central Nervous System	Peripheral Nervous System
Structure	It consists of brain and spinal cord	It consists of cranial nerves and spinal nerves
Function	Brain directs and coordinates all the processes, ideas, behaviors and emotions. Spinal cord delivers the nerve messages from the body organs to the brain and vice versa Spinal cord is responsible for reflex action	It delivers the sensory information and the kinetic responses between the central nervous system and all the body parts

Exam (6)

First question: Complete the following statements

1. The attraction force of earth for a body is called ..... and it increases as ..... increases .
2. The types of thermometers are ..... and .....
3. The sources of carbon dioxide gas are ....., ... and .....
4. The main center of the control in your body is ..... and it is found inside bony case called . .....
5. The skeletal system in human consists of ..... and .....

Second question: write the scientific term

1. The amount of matter in an object .
2. The materials that let heat flow through .
3. The automatic response of the body when it exposes to outer stimuli .
4. The system which is responsible for the communication and coordination between human body systems .
5. The main source of preparing nitrogen gas .

Third question:

A- Rewrite the following sentences after correcting the wrong

1. The mass is measured by Newton which is equivalent to 1000 gram.
2. The spinal cord is responsible for the controlling the involuntary processes in our body .
3. Nitrogen peroxide gas decomposes to water and nitrogen in presence of manganese dioxide .

B- The mass of an object on earth's surface equals 60 kgm, calculate its weight on moon's surface .

Fourth question: Give reason for the following

1. Oxygen gas is collected by down displacement of water during its preparation in the laboratory.
2. We must not taking sleeping tablets otherwise if the doctor advised it.
3. Carbon dioxide gas is used in putting of fires .
4. The heart and lungs are surrounded by rib cage .

Model Answer

Answer Q1

1- weight - mass
2- medical (clinical) thermometer – Celsius thermometer
3- respiration – combustion (burning)
4- brain - skull
5- axial skeleton – appendicular skeleton

Answer Q2

1- the mass
2- good conductors of heat (heat conductors)
3- reflex action
4- nervous system
5- the atmospheric air

Answer Q3

A-
a. The mass is measured in kilogram which is equivalent to 1000 Kg
b. Medulla oblongata
c. Hydrogen peroxide decomposes into oxygen and water in presence of manganese dioxide

B- Weight on Earth = mass x 10 = 600 Newton
Weight on the moon = weight on the Earth / 6 = 600/6 = 100 Newton

Answer Q4

1- Because oxygen gas is rarely dissolved in water
2- To keep nervous system healthy
3- Because it doesn't burn and doesn't help in burning
4- To protect them.

Answer all the following questions

Q1 - (A) Complete the following sentences

( ) Mention the location of the [illegible] in the human body:

1. The H [illegible]

( ) State the importance of [illegible]

Q2 (A) Choose the correct answer

1- Liquid nitrogen is used in treatment o
(skin tumors - osteoporosis - influenza)

2- Reflex act on occurs in.....
(medulla oblongata - spinal cord - cerebrum)

3-Clear lime water is
(calcium carbonate calcium hydroxide - calcium sulphate)

4-..... join muscles with bones.
(Tendons - Joints - Muscle fiber)

5- ..... is the gravitational force by which a body attracts to the Earth
(Mass - Volume - Weight)

6- All these substances are bad conductor of heat except
(wood - copper - plastic)

(B) If an object's mass = 6 Kg on Earth..Calculate

1-Its weight on the Earth

2-Its mass on the moon

3-Its weight on the moon

Q3-(A) Put ( ) or (X)in front of the following statements:

1-Legumes as clover benefit from nitrogen in the air. ( )

2-Carbon dioxide gas consists of two carbon atoms and one oxygen atom. ( )

3- The lower limbs are connected to the shoulder's bones. ( )

4- Exposing the body to sunlight has an important role in providing it with vitamin 'D' ( )

5- The measuring unit of mass is Newton ( )

6- ..... measures changing the weight of liquid by changing its ( )

(B) Compare between :

Good conductors of heat

Definition

Examples

Q4-(A) Write the scientific term

2- Look at the flowing figure then answer

3- The part (b) is covered with

Cairo Governorate

Baseleen and Dar Elsalam Educational Administration

Supervisor of science Time 1 1/2 hour

Mid Year Exam 2018

Six Primary

Answer the following questions.

First question **(12 marks)**

A. Complete the following sentences:(6 marks)

1. The central nervous system consists of ..... and .....
2. Water consists of the union of an oxygen atom and two ..... atoms
3. Skull bones is considered from ..... joints
4. The measuring unit of mass is ..... while the measuring unit of weight is .....

B. Compare between Celsius thermometer and medical thermometer (6 marks)

Point of comparison	medical	Celsius
Graduated	**From.....** **To.....**	**From.....** **To.....**
Liquid	.....	.....
Uses	.....	.....

Six primary

Second question (17 marks)

A. Mention the suitable scientific term (9 marks)

1. A device used to measure the weight of the body
2. Two or more bones of the body to unite it strongly
3. A process of dissolved or adding water to the product of burning magnesium strip in nitrogen gas
4. Substances that allow heat to flow through it
5. A flame used in cutting and welding metals
6. The building unit of the nervous system

B. If the mass of object on the earth surface is 60 kg. Calculate(3 marks)

1. Its mass on the moon
2. Its weight on earth
3. Its weight on the moon

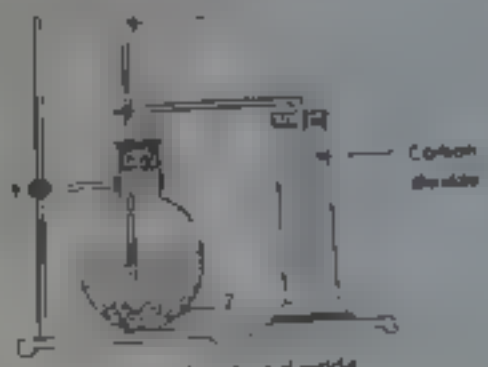
Question four (12 marks)

A. Put [illegible] or [illegible] in front of the following statements (6 marks)

1. [illegible] gas is prepared by the decomposition of hydrogen peroxide in the presence of carbon dioxide ( )
2. [illegible] pots are made of aluminium
3. Muscles are pulled to bones by [illegible] ( )

Look at the diagram figure then write the missing numbers (6 marks)

1. Number ( ) is
2. Number (2) is
3. Write the symbol of carbon dioxide
4. What happens when carbon dioxide gas passes through Clear lime water?



Preparation of carbon dioxide

5. What are the uses of this gas?

a.

b.

Question four (12 marks)

A. Choose the correct answer (6 marks)

[illegible]

B. 4 C. 40

[illegible] constituents of the solid [illegible]

[illegible]

B. Give reasons for (6 marks)

1. The presence of [illegible] in mercury thermometer [illegible] mercury level

[illegible] Nitrogen gas is used in filling the tires of cars and [illegible]

5. Heart and lungs are surrounded by [illegible] cage

First Term ... Time ...

Science

Answer the following questions

The First Question

A) Choose the correct answer from between brackets

1- From the substance which are bad conductors of heat is
[iron – wood – copper]

2- Which of the following gases have great percentage in atmospheric air?
[oxygen – nitrogen carbon dioxide]

3- The joints which allow movement in one direction only are joints
[immovable – slightly movable freely movable]

4- The operation of thermometer depends on the change of with the change in temperature
[gases volume liquid volume – liquid mass]

5- The ribcage in man consists of pair of ribs
[10 – 11 – 12]

6 An object whose mass is (200 gm) on earth s surface, so its weight equal
[2 Newton – 20 Newton – 200 Newton]

B) What happen when ... ?

1- We get rid of soil bacteria

2- Exhaled air passed through clear lime water

The Second Question ⇨ A) Complete the following statements

1- The weight of the body on moon's surface = of its weight on earth's surface.

2- Heat is a form of the forms of

3- Diver use cylinder during diving under water

4 The centers of thinking and memory lie in

5- The mass is measured by balance

6- Nitrogen is used in the manufacture of which doesn't ru

B) Compare between good conductors and bad conductors of heat

Point of comparison	Good conductors of heat	Bad conductors of hea
Definition		

The Third Question ⇐ A) Write scientific term

1- An ind cator helps us to express the state of the body from point of hotness or coldness [

2- Long strips that fix muscles on bones [

3- The building unit of nervous system [

4- A force with which a body attracted to the earth [

5- A gas that its molecule is composed of three oxygen atoms. [

6- An instrument used for measuring the temperature [

B) Give reason.

1- Damage of the medulla oblongata causes death

2 Carbon dioxide is used in extinguishing some fires

The Fourth Question ⇩

A) Correct the underl ne word in the following statement

1- Weight is constant value and s not affected by changing the place [

2- The scale of the medical thermometer starts from 35° c to 100° c. [

3- The axon of the nerve cel s surrounded by a gelatinous layer [

4- The cerebellum lies at the back area of the brain above the two cerebral hemispheres. [

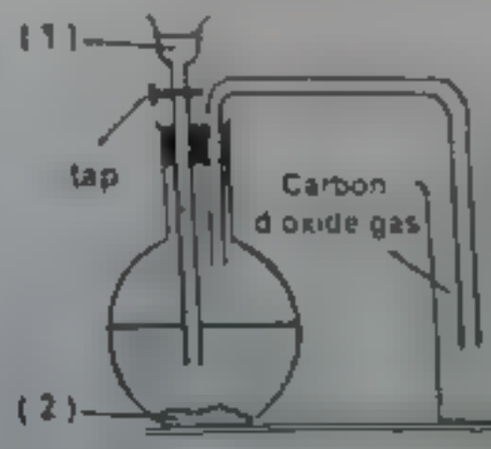
5 Hydrogen perox de remain without change in quantity or properties during the preparation of oxygen gas [

6- The liquid that is used in making the thermometers is water [

B) In the opposite figure answer the following

(1) is

(2) is



انتهت الأسئلة مع التمنيات بالتوفيق

[illegible] GOVERNORATE
CAIRO [illegible] DIRECTORATE
[illegible] GRADE PRIMARY EXAMINATION FIRST TERM 2016 20[illegible]
TIME 1 ½ HOURS
SCIENCE

[illegible]

Answer the following questions in the answer paper

Question (1)

A. Complete the following statements

[illegible] 1- kg - ton

[illegible] ors of heat

[illegible]

[illegible] composing [illegible]

5- The rib cage consists of ______ pairs of ribs

B. Give reasons for:

[illegible] passes in it.

[illegible]

Question (2)

A. Write the scientific term of the following statements

[illegible]

B. Mention one function for:

1- The spring scale

2- Celsius thermometer

3- Ozone layer

[illegible]

Questions

1- Put a tick (✓) for correct statements and a cross (✗) in front of incorrect ones.

2- Cooking pots are made

3- Nitrogen gas is ca[illegible] easily which met

4- Air is from good conductors

5- Oxy-acetylene flame used

6- Cerebellum maintains the balance [illegible] movement

7- What happens in [illegible]

8- Continuous exposure the man

[illegible]

[illegible]

Questions

1- Choose the correct answer between the brackets

[illegible]

2- Hot water rises [illegible]

3- From the freely movable joints is

[illegible] shoulder - elbow [illegible]

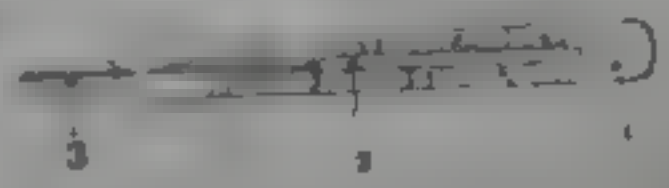
[illegible] this bone is equal to

[illegible]

Hydrogen peroxide decomposes in the pr[illegible]

[illegible]

4- Notice the following figure [illegible] water then [illegible]



3 2

[illegible]

Cairo Government
Cairo Education Zone

Science Exam
1st Term 2019 2020

Grade 6th Prim
Time 1½ HRS

Q-1-A) Complete the following:-

1- The outer surface of the hemispheres is called ..... and its colour is.....

2- Oxygen gas of the atmosphere is consumed during ..... and .....

3-The number of spinal nerves is ..... pairs white the number of cranial nerves is ..... pairs of nerves.

4- From liquids we use ..... to sterilize the medical thermometer and use ..... to make it .....

B) What happens if ?

1- The neurons lose their dendrites .....

2- Nitrogen reacts with oxygen during lightning .....

Q-2-A) Write the scientific term:-

1- Materials that allow heat to flow through ( )

2- Spontaneous response from the body to different stimuli ( )

3- The force with which the body is attracted to the earth. (.....)

4- A flame is used in cutting and welding metals (.....)

5- It consists of 33 vertebrae ( )

B) Put (✓) or (X):

1- The cerebellum is responsible for the reflex action ( )

2- Heat transfers from a cold object to a hot object. ( )

Q-3-A) Cross the odd word :-

1- Wrist – Shoulder – elbow – thigh ( )

2- Kilo gram – Newton – gram – ton. ( )

3- Hummers bone – fore arm bones – femur bone – hand bones. ( )

B)- Give reason:-

1- The weight of a body in a flying balloon less than its weight on Earth

2- In clinical thermometer, there is a constriction

3- Damage of medulla oblongata cause death

Q- 4-A) Correct the wrong words:-

1- The reason of object's falling downward earth is mass ( )

2- CO_2 is prepared in lab from Calcium carbonate and hydrogen peroxide. ( )

3- All non metal are bad conductors of electricity ( )

B) - If an object's weight on moon is 70 Newton Calculate

1- Its weight on Earth

2- Its mass on moon

Mention Why the mass has that value ?

Q	Mark	Marker	Reviser
1			
2			
3			
4			
Total			

جمهورية مصر العربية	محافظة الإسكندرية	مديرية التربية والتعليم
امتحان (الدور الأول) للصف السادس الابتدائي (العام) للعام الدراسي (٢٠٢٤/٢٠٢٥م)		
المادة : العلوم بالإنجليزية		الزمن : ساعتان و نصف

1

أسئلة هذه المادة في ثلاث ورقات

رقم السؤال	الدرجة	التصحيح	المراجع
1			
2			
3			
4			
المجموع			

الدرجة

Answer the following questions

Question one:

A) Complete the following statements:

(1) Arab scientists established ...observatories... on the high places as mountains to monitor ...stars and planets...

(2) The lever save effort when its force arm ...larger... than the resistance arm, and the force is ...less... than the resistance.

(3) A little amount of ...Helium... is added to Argon gas inside the fluorescent lamp, and the inner surface is covered with ...phosphorus material.

(4) From the bad conductors of electricity ...wood... and ...plastics...

B) What is the importance of the following:

(1) The thin walls of the root hairs.

...to allow ...penetration water and salts through it...

(2) The argon gas inside the glass bulb of the electric lamp.

...to increase life time of filament

protect filament from burning

(بقية الأسئلة في الورقة الثانية)

الاسم

الدرجة

رقم الجلوس

[illegible]

Question two:

A) Choose the right answer:

(1) The total lunar eclipse happens when .....

a) the whole moon in the shadow area of the earth.

b) part of the moon enters the shadow of the earth.

c) the whole moon in the semi-shaded area of the earth.

d) the moon lies between the sun and the earth.

(2) Water is not used in putting off the fires of electricity, because.....

a) water decreases the fire.

b) water contains minerals that discontinue electric current.

c) impure water is a bad conductor of electricity.

d) impure water is a good conductor of electricity.

(3) The following planets have gaseous nature except .....

a) Venus b) Jupiter c) Saturn d) Uranus

(4) The root hair secretes ..... substance that helps attracting water.

a) solid b) viscous c) soft d) smooth

B) What happens in the following with mentioning the reason?:

(1) A lamp of a group of lamps connected in electric circuit in series was burnt.

.....all lamps turn off.....

The reason: ....bec there is one way for electric current.....

(2) Looking at the sun during its eclipse without special glasses.

.....harm retina of eye causing blindness.....

The reason: ....bec ultra violet rays and also red rays which affect retina of eye causing blindness.....

Question three:

A) Give reasons for the following:

(1) The filament of the electric lamp is made up of tungsten.

...bec it has high melting point.....

(2) The concentration of the solution inside the sap vacuole of the plant is higher than the concentration of the soil solution.

bec it has more water less salts and to absorb water from high conc. to low concentration by osmosis

(3) The crowbar is a lever of the first type.

...bec it has F between effort, load and Resistance

(4) The electric current continue passing through a closed electric circuit if the switch is replaced by a piece of metal.

.....bec metal is good conductor of electricity.....

[illegible]

B) Look at the figure that represents the phenomenon of the Solar eclipse then, answer the following: 1

(1) When does this phenomenon happen? Solar eclipse

(2) The region number (1) is known as umbra and the type of eclipse is Total Solar eclipse

(3) The region number (2) is known as penumbra and the type of eclipse is Partial Solar eclipse

Question four:

A) Write the scientific term for the following:

1) Groups of millions stars differ in their shape.

Galaxies

2) A type of levers at which the force lies between the resistance and the fulcrum.

3rd class

3) Two cells surrounding the stoma in the plant leaf.

Guard cells

4) A type of telescopes in which the mirrors are used to converge light.

Hubble Telescope

B) Correct the underlined parts in the following:

1) The nutcracker is a lever of the first type.

(2nd)

2) The human body is a good conductor of electricity because it contains minerals.

(Water)

C) A third class lever of 200 Newton force and its arm is 5 cm, affect on a resistance of 100 Newton, calculate the length of the resistance arm that makes the lever balanced.

F × F1 = R × R1 arm

200 × 5 = 100 × resistance arm

$\frac{200 \times 5}{100}$ = 10 cm

3 cm

إدارة المعصرة التعليمية
توجيه العلوم لغات

امتحان نهاية الفصل الدراسي الأول للصف السادس الابتدائي
العام الدراسي 2020/2019

زمن الإجابة: ساعة و نصف
المادة : علوم لغات

Q.1 : A)Complete:

1) The measurement unit of mass is _____ While the measurement tool of weight is _____

2) The neuron consists of two main parts _____ and _____.

B) Temperature of human body is measured by _____ thermometer while the temperature of liquid is measured by _____ thermometer.

B: Give reasons for :

1) Ozone is very important in nature.

_____

2) Mercury is used in making thermometer.

_____

C: Compare between the axial skeleton and the appendicular skelton

Point of comparison	Axial skeleton	Appendicular skeleton
Structure	_____	_____

Q.2 A)Write scientific term :

1) Linked to the brain through the spinal cord and is responsible for involuntary action. ( )

2) A flame used in cutting and welding metals ( )

3) The amount of matter that the body contains ( )

4) The location at which bones meat each other ( )

B:An object whose mass on the Earth is equal 6 kg calculate :

1) Its weight on the Earth

_____

2) Its weight on the moon

_____

اسم التلميذ/.....

المدرسة / ..... التاريخ/.....

رقم الجلوس/.....